

# Seattle Fire Prevention Division

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## High-Rise Building Inspection Program Fire and Building Systems – Annex B

### Alarm (CAM 5971)

- ☐ A fire alarm annunciator panel is in the lobby or fire control room. (SFC 508.1.6)
- ☐ Fire Alarm System (FAS) is certified and tagged. (SFC 901.6)
- ☐ Records of inspection, testing and maintenance are maintained. (SFC 901.6.2)
- ☐ A sign on the door to the room where the fire alarm panel is located will conspicuously identify room as **"FIRE ALARM CONTROL"**. (SFC 509.1)

**Note:** Initial records shall include the name of the installation contractor, type of components installed, manufacturer of the components, location and number of components installed per floor. Records shall also include the manufacturers' operation and maintenance instruction manuals. Such records shall be maintained for the life of the installation. (SFC 901.6.2.1)

### Manual Fire Alarm Boxes (Pull Stations)

- ☐ Manual fire alarm boxes are accessible, unobstructed, unobscured, and always visible. (SFC 907.4.2.6)
- ☐ Where fire alarm systems are not monitored by a supervising station, an approved permanent sign is installed adjacent to each manual fire alarm box that reads: **"WHEN ALARM SOUNDS— CALL FIRE DEPARTMENT"**. (SFC 907.4.2.4)

**Note:** The fire code official is authorized to require the installation of listed manual fire alarm box protective covers to prevent malicious false alarms or to provide the manual fire alarm box with protection from physical damage. (SFC 907.4.2.5)

### Sprinkler (CAM 5971)

- ☐ Certified and tagged. (SFC 901.6)
- ☐ Records of inspection, testing, signage, and maintenance are maintained. (SFC 901.6) (SFC 509.1) (SFC 912.5)
- ☐ The door to the room where sprinkler controls are located is posted with a sign conspicuously identifying **"SPRINKLER CONTROL ROOM"** (SFC 509.1)
- ☐ An unobstructed aisle way to the automatic sprinkler control valve(s) is provided and maintained. (SFC 914.2.4)

**Note:** Initial records shall include the name of the installation contractor, type of components installed, manufacturer of the components, location and number of components installed per floor. Records shall also include the manufacturers' operation and maintenance instruction manuals. Such records shall be maintained for the life of the installation. (SFC 901.6.2.1)

### Standpipe (CAM 5971)

- ☐ Certified and tagged. (SFC 901.6)
- ☐ Records of inspection, testing, and maintenance are maintained. (SFC 901.6.2)
- ☐ Cabinets containing firefighting equipment, such as standpipes, fire hose, fire extinguishers or fire department valves, are not blocked from use or obscured from view. (SFC 901.11)
- ☐ Cabinets are unlocked or have a frangible window with a break glass tool. (SFC 901.11.2)
- ☐ An unobstructed aisle way to the standpipe control valve(s) is provided and maintained. (SFC 509.2)
- ☐ Caps have 1/8" hole drilled into the front to relieve pressure if the valve leaks. (Admin Rule 9.03.17 SCC 3.3)

## **Smoke Control and Evacuation Systems (CAM 5971)**

- ☐ Certified and tagged. (SFC 901.6)
- ☐ Records of inspection, testing and maintenance are maintained. (SFC 901.6.2)

**Note:** Initial records shall include the name of the installation contractor, type of components installed, manufacturer of the components, location and number of components installed per floor. Records shall also include the manufacturers' operation and maintenance instruction manuals. Such records shall be maintained for the life of the installation. (SFC 901.6.2.1)

## **Fire Pumps (CAM 5971)**

- ☐ Certified and tagged. (SFC 901.6.2.1) (SFC 913.5)
- ☐ Records of inspection, testing and maintenance are maintained. (SFC 901.6)
- ☐ The temperature of a pump room or pump house is above 40°F (5°C). (SFC 913.2) (SFC 913.3) (SFC 913.4)

## **Generator**

- ☐ Certified and tagged. (SFC 913.5.2) (SFC 913.5.3)
- ☐ Records of inspection, testing and maintenance are maintained. (SFC 901.6)
- ☐ The fuel supply is tested annually for quality and contamination. (2013 NFPA 110 8.3.7)

## **Elevators**

- ☐ Records of inspection, testing and maintenance are maintained. (SFC 901.6) (SFC 901.6.2)
- ☐ A sign is posted in every elevator lobby above each call switch noting that the elevators will be recalled to a designated location, upon activation of the fire alarm. This sign shall warn persons not to use the elevator in the event of fire and direct them to use the stairway. (SFC 607.3) (SFC 9308.3)
- ☐ Fire service access elevator lobbies and occupant evacuation elevator lobbies are maintained free of storage and furniture. (SFC 607.4) (SFC 607.5) (SFC 9308.3)
- ☐ An elevator key box locked and keyed to the standard city elevator key box access is provided at the designated recall floor above the Phase I recall switch or in the main lobby above the hall call button when no recall feature exists. (SFC 506.1.2)

### **Tagged set of keys in elevator box (SFC 506.1.2.2) (SFC 607.8.4)**

- ☐ Keys for access to and for the operation of elevator equipment shall be tagged, labeled and retained in the key box. The elevator key box shall contain standard and non-standard fire emergency service keys (**Phase I and II, one key for each switch**). The elevator key box may, in addition, contain keys for any or all of the following:
  - ✓ Machine room door
  - ✓ Secondary level door
  - ✓ Pit door
  - ✓ Roof door
  - ✓ Independent, hospital emergency and/or attendant operation
  - ✓ Hoist way access
  - ✓ Mechanical hoist access devices (broken arm, lunar, etc.)
  - ✓ Miscellaneous switch keys
  - ✓ Fire alarm panel room
  - ✓ Sprinkler valve control room

## **Communication (SFC 901.6.2) (SFC 901.6) (SFC 1031.8)**

- ☐ Records of inspection, testing, maintenance, and signage are maintained. (SFC 1031.8) (SFC 901.6)
- ☐ Approved radio coverage for emergency responders shall be provided within buildings meeting any of the following conditions:
  - ✓ High rise buildings;
  - ✓ The total building area is 50,000 square feet or more;

- ✓ The total basement area is 10,000 square feet or more; or
- ✓ There are floors used for human occupancy more than 30 feet below the finished floor of the lowest level of exit discharge.
- ☐ The radio coverage system shall be installed in accordance with Sections 510.4 through 510.5.3 of Seattle Fire Code and with the provisions of NFPA 72, National Fire Alarm and Signaling Code. This section shall not require improvement of the existing public safety communication systems. (SFC 510.1) (CAM 5123)
- ☐ Where a wired communication system is approved in lieu of a radio coverage system in accordance with Section 510, the wired fire department communication system (installation, not inspection) operates between a fire command center (complying with Section 508) and the following systems: (SFC 907.2.13.2) (CAM 5122)
  - ☐ elevators
  - ☐ elevator lobbies
  - ☐ emergency and standby power rooms
  - ☐ fire pump rooms
  - ☐ areas of refuge
  - ☐ inside enclosed exit stairways at each floor level.
- ☐ Eight (8) portable handsets for the communication system are provided in the fire command center. (SFC 907.2.13.2)
- ☐ A manual override for emergency voice communication is provided on a selective and all-call basis for all paging zones. (SFC 907.5.2.2.1)
- ☐ Where BDA/DAS installed, must be tested and maintain. SFD is introducing a standardized annual confidence test reporting form for BDA/DAS on 1/1/2019.
- ☐ Store test results on site for test prior to 1/1/2019.
- ☐ Upload test to SFD via The Compliance Engine for test conducted on or after 1/1/2019.

***For questions, please contact the Administrative Specialist for High-Rise at (206) 386-1340 or [SFD\\_FMO\\_HighRise@seattle.gov](mailto:SFD_FMO_HighRise@seattle.gov).***